



# DIAMOND HARBOUR WOMEN'S UNIVERSITY

## MARIE CURIE CENTRE FOR INTERDISCIPLINARY SCIENCES (MCCIS)

Sarisha, Diamond Harbour Road, South 24 Parganas, West Bengal-743368.

Established by Diamond Harbour Women's University Act 2012 (West Bengal Act XXXVII of 2012) Website: [www.dhwu.ac.in](http://www.dhwu.ac.in)

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The Marie Curie Centre for Interdisciplinary Sciences (MCCIS) has been established with the purpose of strengthening interdisciplinary research and education between various scientific disciplines. The centre will periodically organize seminars, conferences, workshops and summer/winter schools. The centre may also conduct certificate courses and public outreach programs.

### **Preamble**

Any branch of modern-day science has numerous points of contact with other disciplines of science. For example, physics is encroaching on the domains of chemistry, biology, and vice-versa. Numerical and computational analyses have become mandatory not only in physical sciences research but also in biological sciences. “Sustainability” has been the keyword and primary requirement in the research activities of materials, chemical and biological, and earth sciences. From our very own example, a chemical compound isolated in the DHWU chemistry laboratory has been used in the zoology laboratory as a dengue mosquito larvicidal. Another interesting example of interdisciplinary research in DHWU has been the separation and conjugation of clinically important radioisotopes produced in accelerators with nature resourced chemicals, and the elucidation of their structures by DHWU theoreticians. The cross-talking between different branches of science is an important pre-requisite for present day’s cutting-edge research, and hence the name “Marie Curie Centre for Interdisciplinary Sciences (MCCIS)”.

### **Objectives of the Centre**

- Organization of seminars and conferences both at the national and international levels. Speakers of expertise and repute will be invited with a special focus on topics that are interdisciplinary, and of a wider appeal to the science community
- Workshops and summer/winter schools and short-term courses will be conducted on topics relevant to modern-day interdisciplinary research, specifically with the purpose of providing hands-on-knowledge, for example for the purpose of introducing modern software and their analytical purposes.

- The center may also organize periodic intra-University colloquiums, wherein the faculties and senior Ph.D. students of the Science departments will disseminate the knowledge acquired from their research activities.
- The target group of audience will not only include teachers and researchers, but also students from within and outside the University. The purpose would be to motivate young graduates to appreciate the prospects of a career in research on interdisciplinary sciences.

The proposed Committee for the **Marie Curie Centre of Interdisciplinary Sciences (MCCIS)**

**(The tenure for the members shall be valid for a period of two years):**

Chairperson:	Professor Kajal De, Vice Chancellor, Diamond Harbour Women's University.
Patron:	Dr. Md. Sayeedur Rahman Registrar, Diamond Harbour Women's University.
Director:	Professor Jayanta Maity, Department of Chemistry.
Associate Directors:	Professor Anindya Ghose Choudhury, Department of Physics. Professor Sujit Mandal, Department of Geography.
Convener:	Professor Dilip Das, Department of Mathematics.
Advisor:	Professor Susanta Lahiri, CSIR Emeritus Scientist, Department of Chemistry. Professor Chitra Mondal, Honorary Visiting Professor, Department of Zoology.
Members:	Dr. Rumpa Chakraborty, Department of Mathematics. Dr. Shantanabha Das, Department of Zoology. Dr. Sudip Kumar Saha, Department of Physics. Dr. Anindya Basu, Department of Geography. Dr. Kapil Ghosh, Department of Geography.
Treasurer:	Dr. Pujarini Banerjee, Department of Chemistry.